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United States Patent [19]

Willis

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[54] FIXATION MEMBER FOR AN INTRAOCULAR LENS

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[58] Field of Search 623/6

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[57] ABSTRACT

An intraocular lens comprising a deformable optic and a fixation member for use in supporting the optic in the eye. The fixation member includes an annulus surrounding the optic and a plurality of resilient struts interconnecting the optic with the annulus. The struts tend to be compressively loaded by the posterior capsule of the eye after implantation. To prevent buckling of the resilient struts in an axial direction due to the imposed compressive loads, the struts are curved in a circumferential direction when in an unloaded state, thereby being predisposed to further bow in the same circumferential direction upon imposition of the compressive load. This predisposition to bow circumferentially avoids severe problems incurred if the struts are permitted to buckle axially, such as tilting of the optic and impaired vision for the patient.

7 Claims, 1 Drawing Sheet